

What is claimed is:

1. A method for manufacturing carboxylic acid and amino acid or amino acid condensate reactants, characterized in mixing carboxylic acids and amino acids or amino acid condensates under an aqueous system and heating to 100° C or more, less than 180° C without vaporizing the water away.

- 1           2. The manufacturing method set forth in claim 1,  
2           wherein said heating is carried out at 105° C or more.

3. The manufacturing method set forth in claim 1 or 2,  
wherein said carboxylic acids are 1 or 2 or more organic  
acids selected from the group consisting of acetic acid,  
lactic acid, tartaric acid, citric acid, succinic acid and  
fumaric acid, or their salts.

- 1        4. The manufacturing method set forth in claim 1 or 2,  
2 wherein said carboxylic acids are fatty acids or their  
3 salts.

- 1        5. The manufacturing method set forth in claim 1 or 2,  
2        wherein said carboxylic acids are selected from the group  
3        consisting of uronic acids, acidic polysaccharides  
4        containing uronic acids, and acidic oligosaccharides  
5        containing uronic acids, or their salts.

- 1        6. The manufacturing method set forth in any of claims  
2        1 through 5, wherein said amino acids or amino acid  
3        condensates are the amino acids, or compounds containing

4 peptides or proteins in which two or more amino acids are  
5 combined.

1 7. Carboxylic acid and amino acid or amino acid  
2 condensate reactants manufactured by the method of any of  
3 claims 1 through 6.

1 8. A method for manufacturing surfactants,  
2 characterized in mixing carboxylic acids and amino acids or  
3 amino acid condensates under an aqueous system and heating  
4 to 100° C or more, less than 180° C without vaporizing the  
5 water away.

1 9. Surfactants manufactured according to the method of  
2 claim 8.

1 10. Surfactants as set forth in claim 9, containing  
2 compounds in which the N-terminals of amino acids or amino  
3 acid condensates are acid-amide bound with carboxylic acids.